MAIL STOP PATENT APPLICATION

031088 U.S. PTO 10/680700 100703

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Attorney Docket No.: LEPA121754

TRANSMITTAL LETTER

Seattle, Washington 98101

October 7, 2003

TO THE COMMISSIONER FOR PATENTS:

Transmitted herewith for filing under 37 C.F.R. § 1.53(b) by Express Mail is the complete patent application of Sang-Hyun Park, Jong-Sik Jeong, Yeon-Cheol Lee, Kang-ju Kim, Hyung-Man Park, and Boo-Dong Kwak, entitled APPARATUS FOR AND METHOD OF EDGE ENHANCEMENT IN IMAGE PROCESSING, executed on September 16, 2003.

__X__ 1. An application consisting of 30 pages of specification, including the claims and the Abstract of the Disclosure, and 7 sheets of drawings is attached.

__X__ 2. A newly executed Combined Declaration and Power of Attorney is attached.

__X__ 3. An Assignment of the invention to Samsung Electro-Mechanics Co., Ltd., is enclosed, together with a Recordation Cover Sheet in accordance with 37 C.F.R. § 3.31 and our check including the amount of $40.00 to cover the recordation fee. Please record this Assignment in accordance with 37 C.F.R. § 3.11.

__X__ 4. Priority of Application No. 2003-54648, filed in Korea on August 7, 2003, is claimed under 35 U.S.C. § 119. A certified copy of the priority document is attached.

COMPUTATION OF FEE

	Number Filed		Number Extra		Rate		
Basic Fee							770
Total Claims	27 - 20	=	**7**	x	18	=	126
Independent Claims	3 - 3	=	**0**	x	86	=	0
Assignment Recordation				+	40		40
TOTAL							$936

__X__ 5. Our Check No. 151328 in the amount of $936.00 to cover the total fee as computed above is enclosed.

LAW OFFICES OF
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X 6. The Commissioner is hereby authorized to charge any fees under 37 C.F.R. §§ 1.16, 1.17 and 1.18 which may be required during the entire pendency of the application, or credit any overpayment, to Deposit Account No. 03-1740. This authorization also hereby includes a request for any extensions of time of the appropriate length required upon the filing of any reply during the entire prosecution of this application. A copy of this document is enclosed.

X 7. The following additional documents are enclosed: Information Cited by Applicant (with one reference).

X 8. A filing date in accordance with 37 C.F.R. § 1.10 is requested. The Express Mail Certificate appears below.

Please address all further correspondence to:

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Respectfully submitted,

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EXPRESS MAIL CERTIFICATE

Express Mail No.: EV 314684232 US
Date of Deposit: October 7, 2003

I hereby certify that this document and the enclosures listed therein are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above and is addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Tara Owen
(Typed or printed name of person mailing paper or fee)

(Signature of person mailing paper or fee)

JEN:hjd

<Translation>

APPLICATION FOR PATENT REGISTRATION

Application Number: 2003-54648

Application Date: August 7, 2003

Title of Invention: APPARATUS FOR AND EMTHOD OF EDGE ENHANCEMENT IN IMAGE PROCESSING

Applicant (s): SAMSUNG ELECTRO-MECHANICS CO., LTD.

Attorney Name: LEE & PARK Patent & Law Firm

Inventor(s): 1. Sang-Hyun PARK

2. Jong-Sik JEONG

3. Yeon-Cheol LEE

4. Kang-ju KIM

5. Hyung-Man PARK

6. Boo-Dong KWAK

The above Application for Patent Registration is hereby made pursuant to Articles 42 and 60 of the Korean Patent Law.

Japanese Patent Office
LAID-OPEN PATENT GAZETTE

(11) Laid-Open No. H07-107268
(43) Laid-Open Date: April 21, 1995

(21) Application No. H05-244958
(22) Filing date: September 30, 1993

(71) Applicant: CANON INC.
(72) Inventor: MIYAKE NOBUTAKA

(54) Title of the Invention: IMAGE PROCESSING DEVICE

(57) Abstract

OBJECT: To provide an image processing device which is capable of obtaining high resolution information with sharp edge from inputted low resolution information.

CONSTRUCTION: Inputted low resolution information is inserted into high resolution information by means of a linear interpolation unit 103. Edge information is prepared from the inputted information by means of an edge information preparation unit 104. The prepared edge information is added to the linear-interpolated high resolution information. In this way, high resolution information with sharp edge can be obtained.